

PLUG VALVE WITH LUBRICATION MEANS

ABSTRACT

5 A plug valve with improved lubrication elements comprising a valve
body (2), which forms a seat (3) that is connected to an intake port (5) and
to a discharge port (6), and accommodates a plug-type flow control element
(4) that controls the ports (5, 6). Lubrication elements are further provided
between the seat (3) and the plug-type flow control element (4); the plug
10 valve further comprising at least one pair of open lubrication channels (10),
which are provided diametrically in the plug-type flow control element (4),
and at least one pair of open lubrication ducts (20), which are provided
diametrically in the seat (3).

 The pair of open channels (10) is always in contact with the seat (3)
15 during the transfer of the plug-type flow control element from the open
position to the closed position, and/or vice versa.

(Figure 1)